

FIG. 1

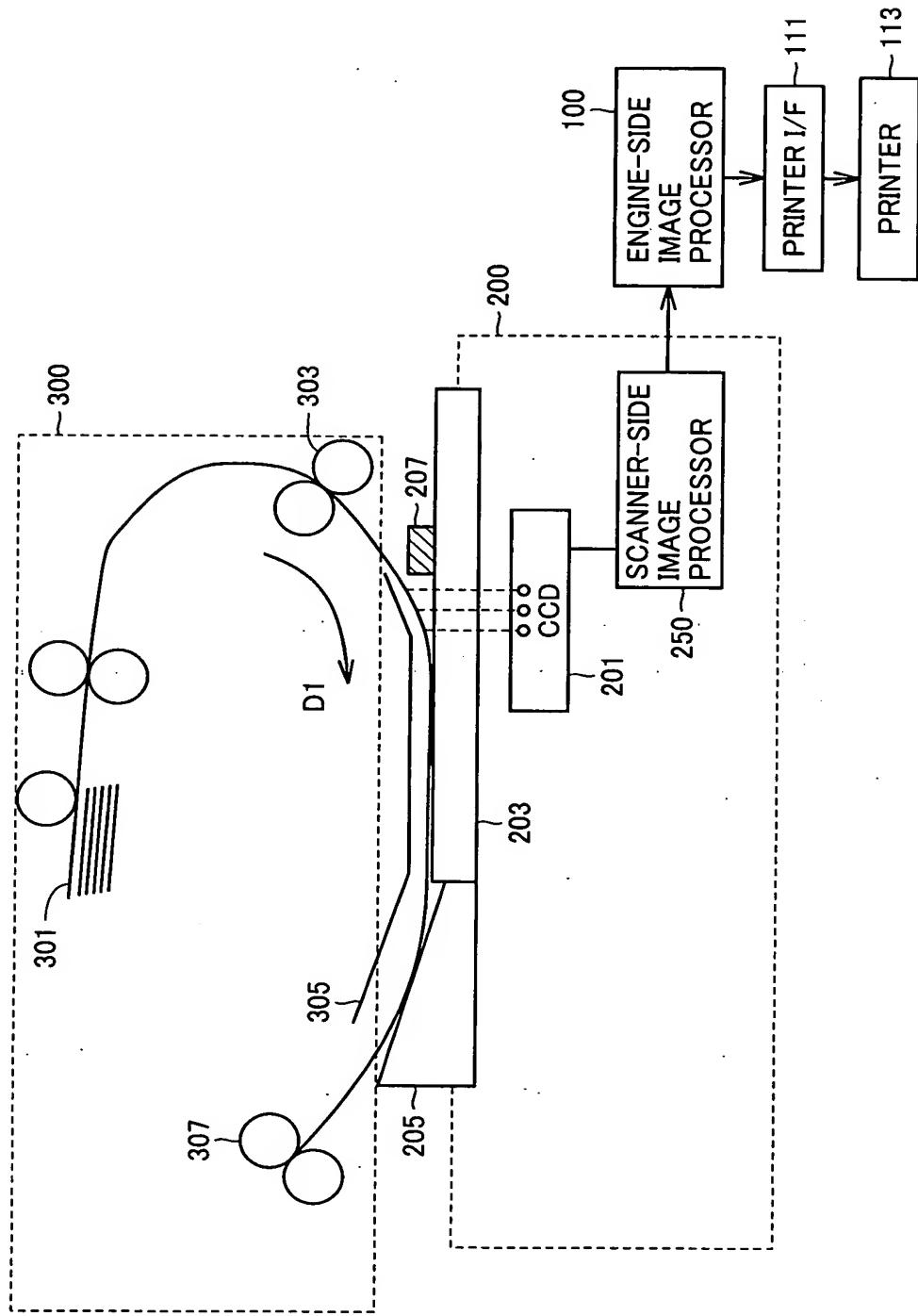


FIG.2

BLOCK DIAGRAM FOR OVERALL
 COLOR IMAGE PROCESSING

200

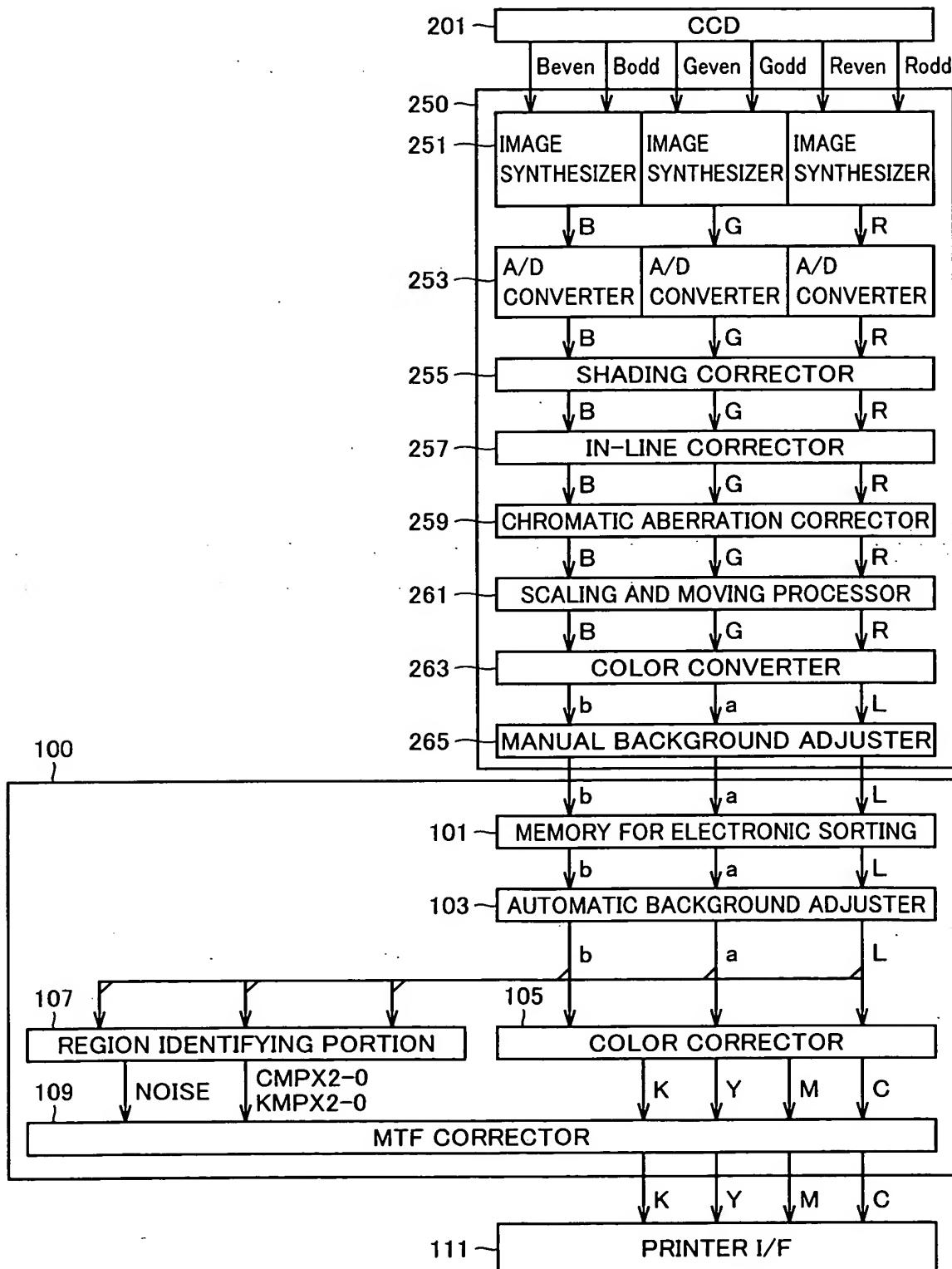


FIG.3

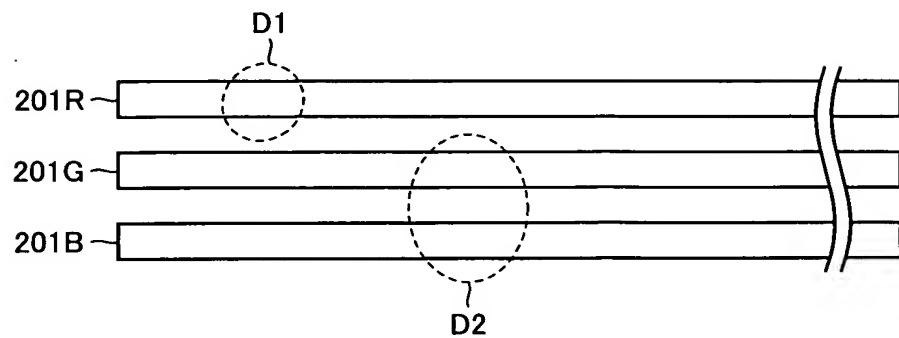


FIG.4

REGION IDENTIFYING PORTION 107

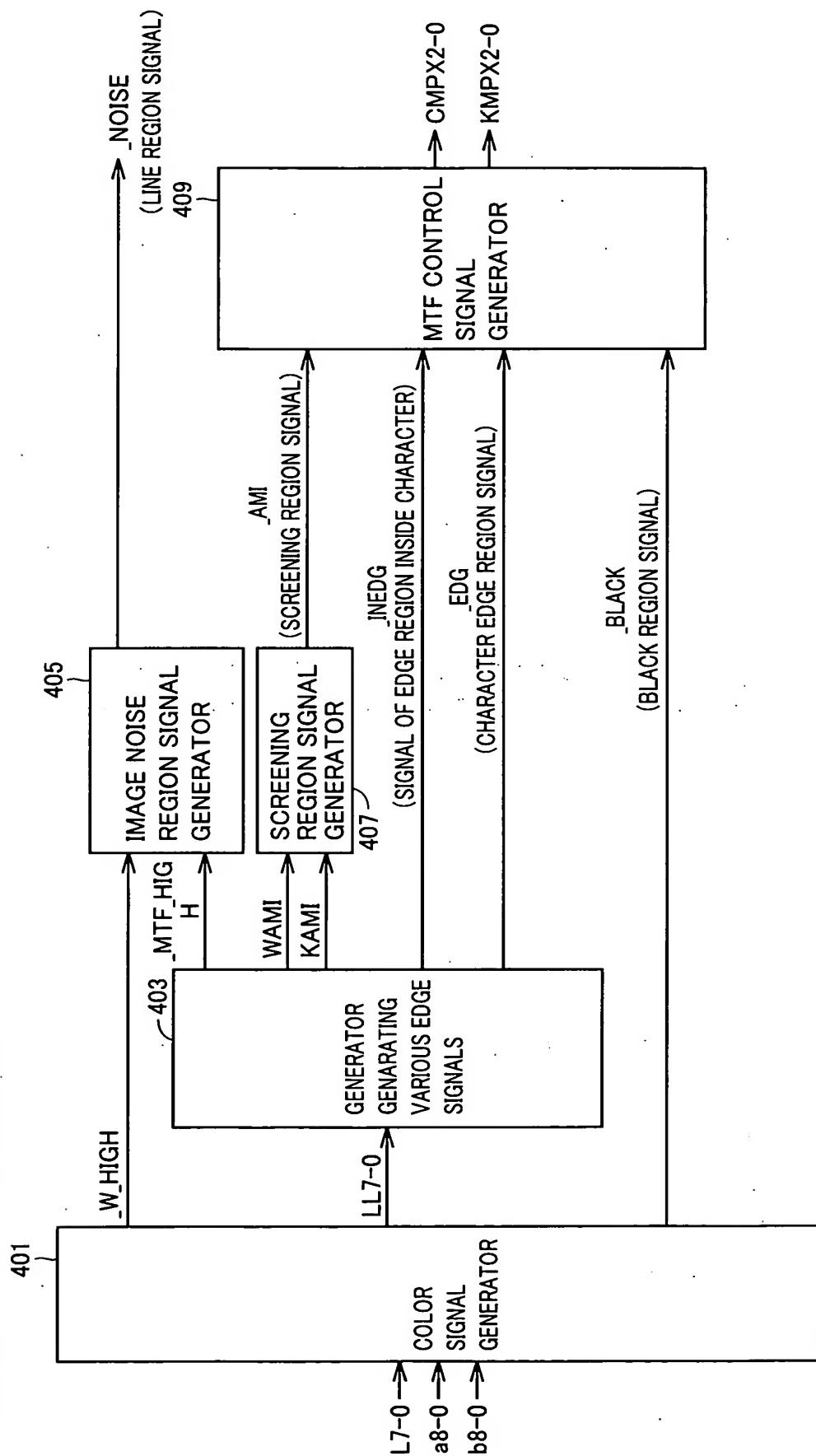
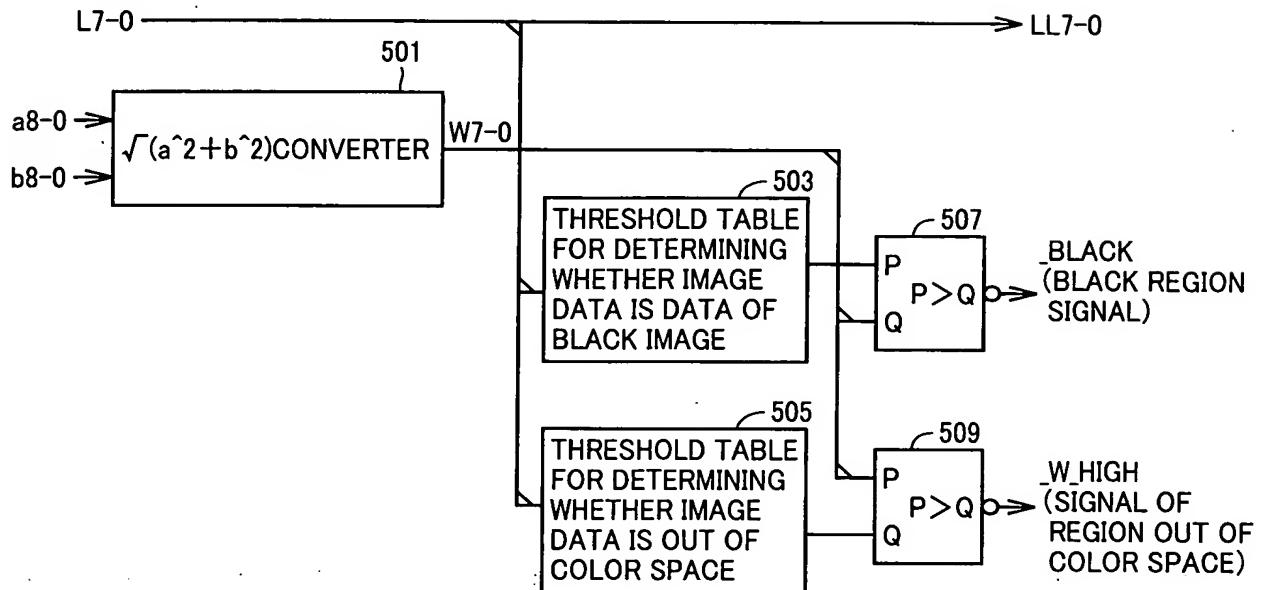
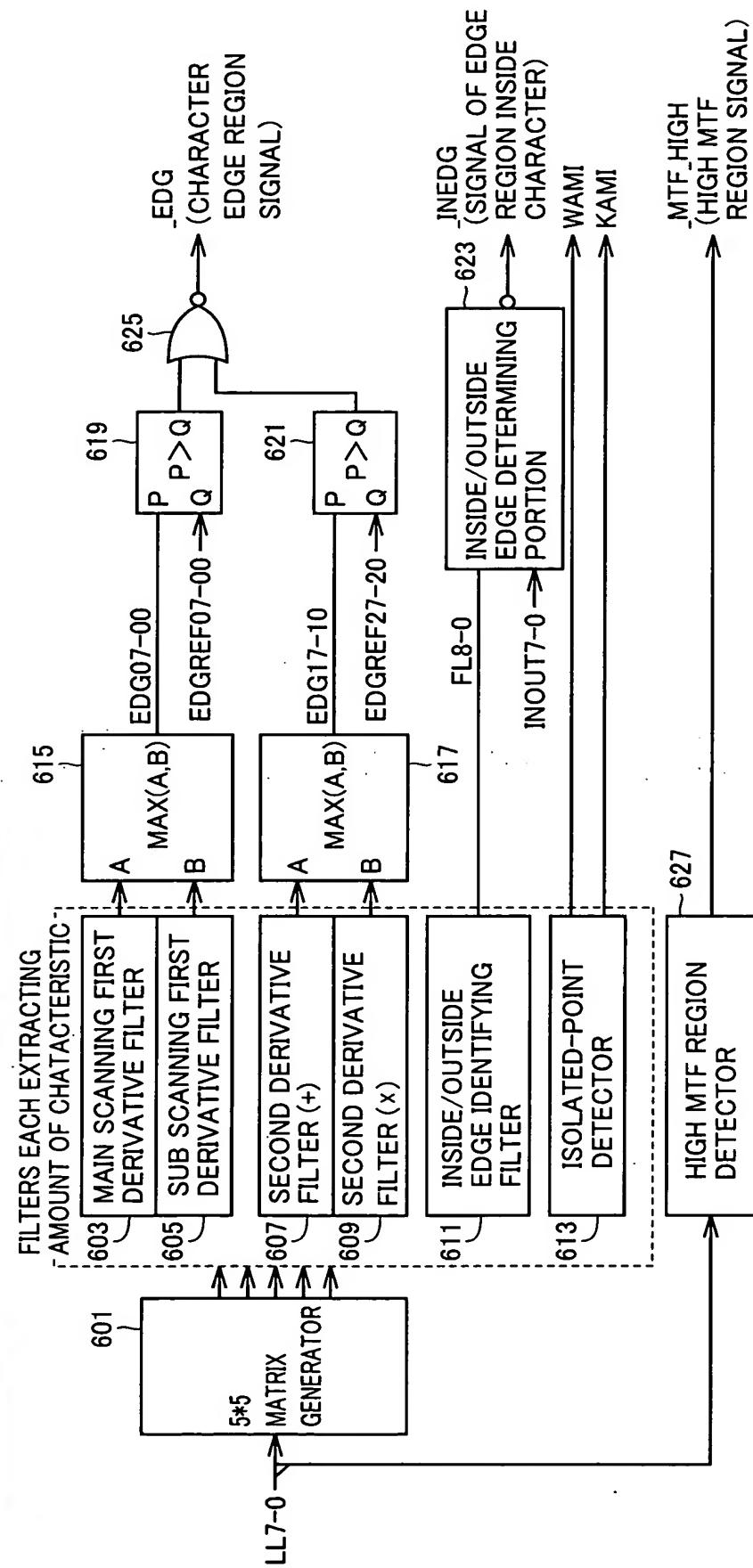


FIG.5

COLOR SIGNAL GENERATOR 401



GENERATOR 403 GENERATING VARIOUS EDGE SIGNALS



HIGH MTF REGION DETECTOR 627
FIG.7

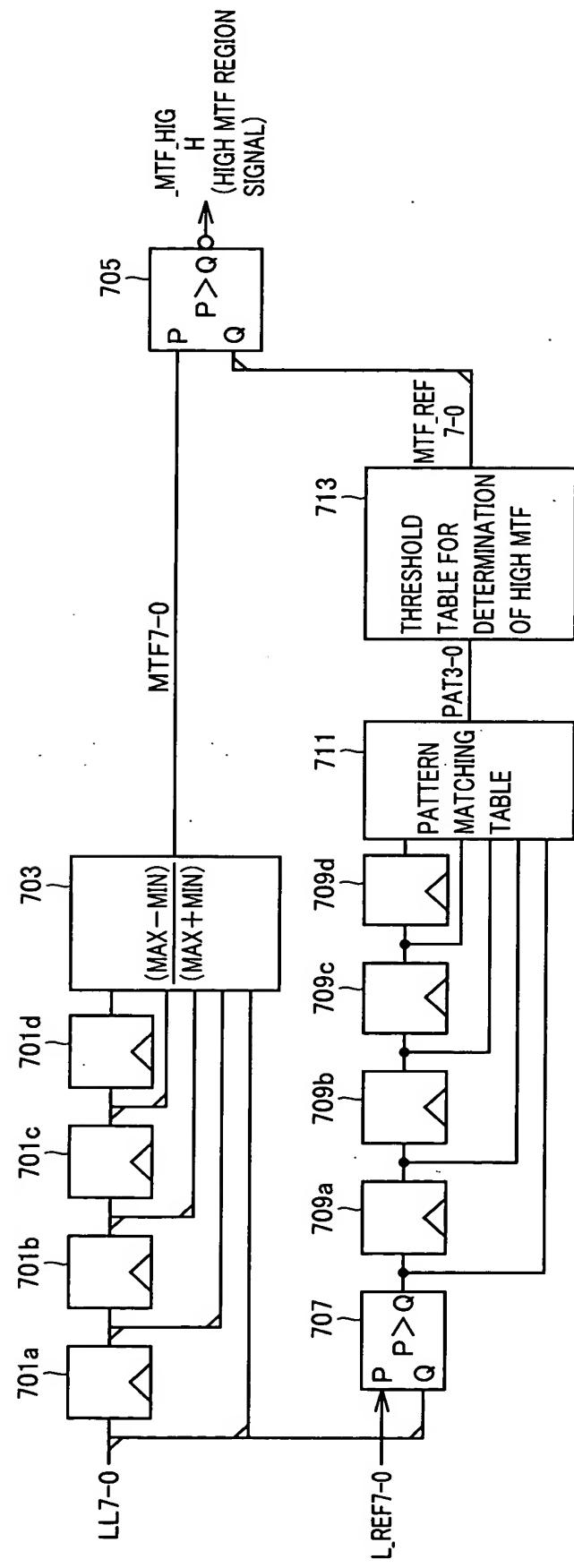


FIG.8

IMAGE NOISE REGION SIGNAL GENERATOR 405

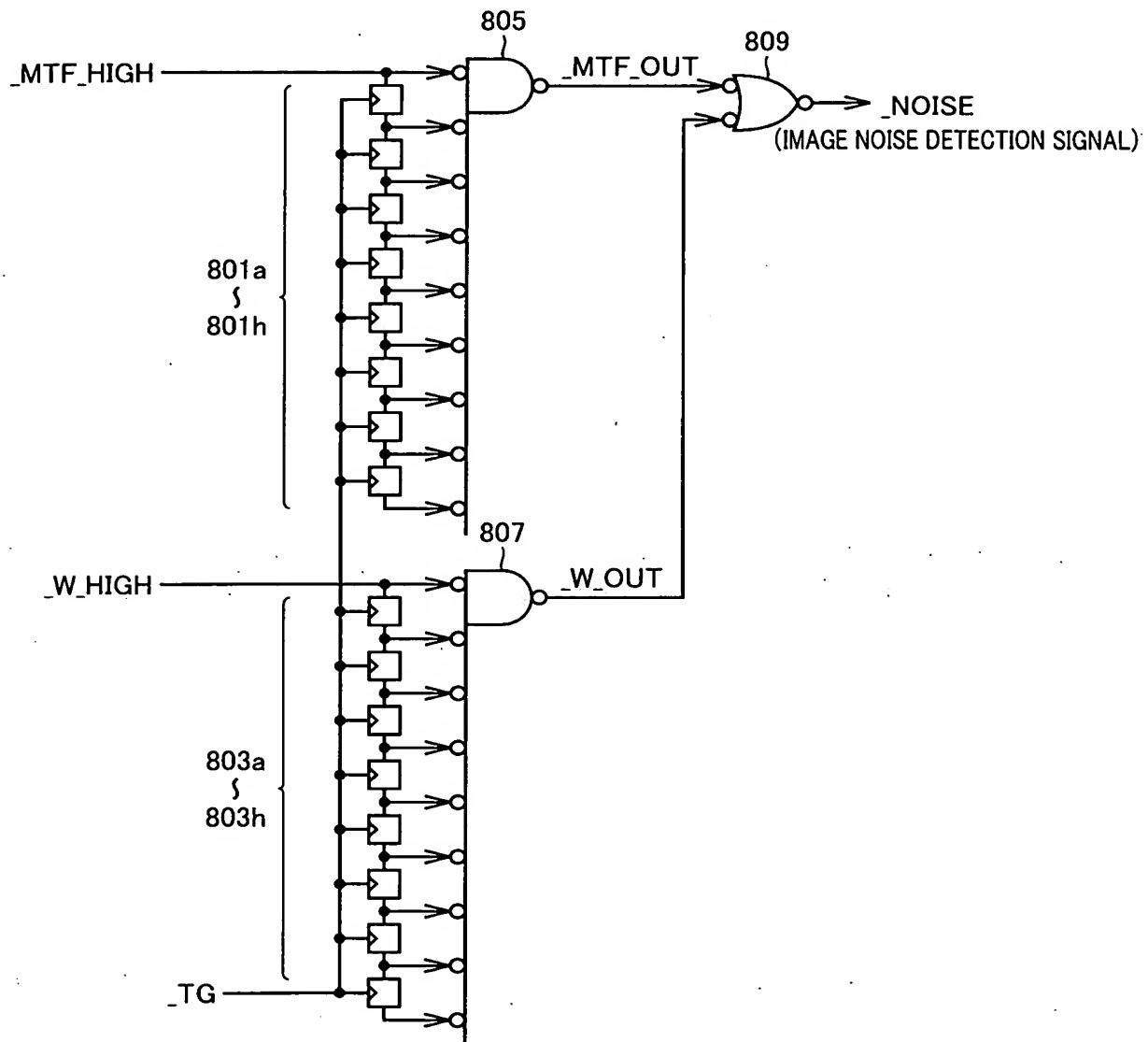


FIG.9
MTF CORRECTOR 109

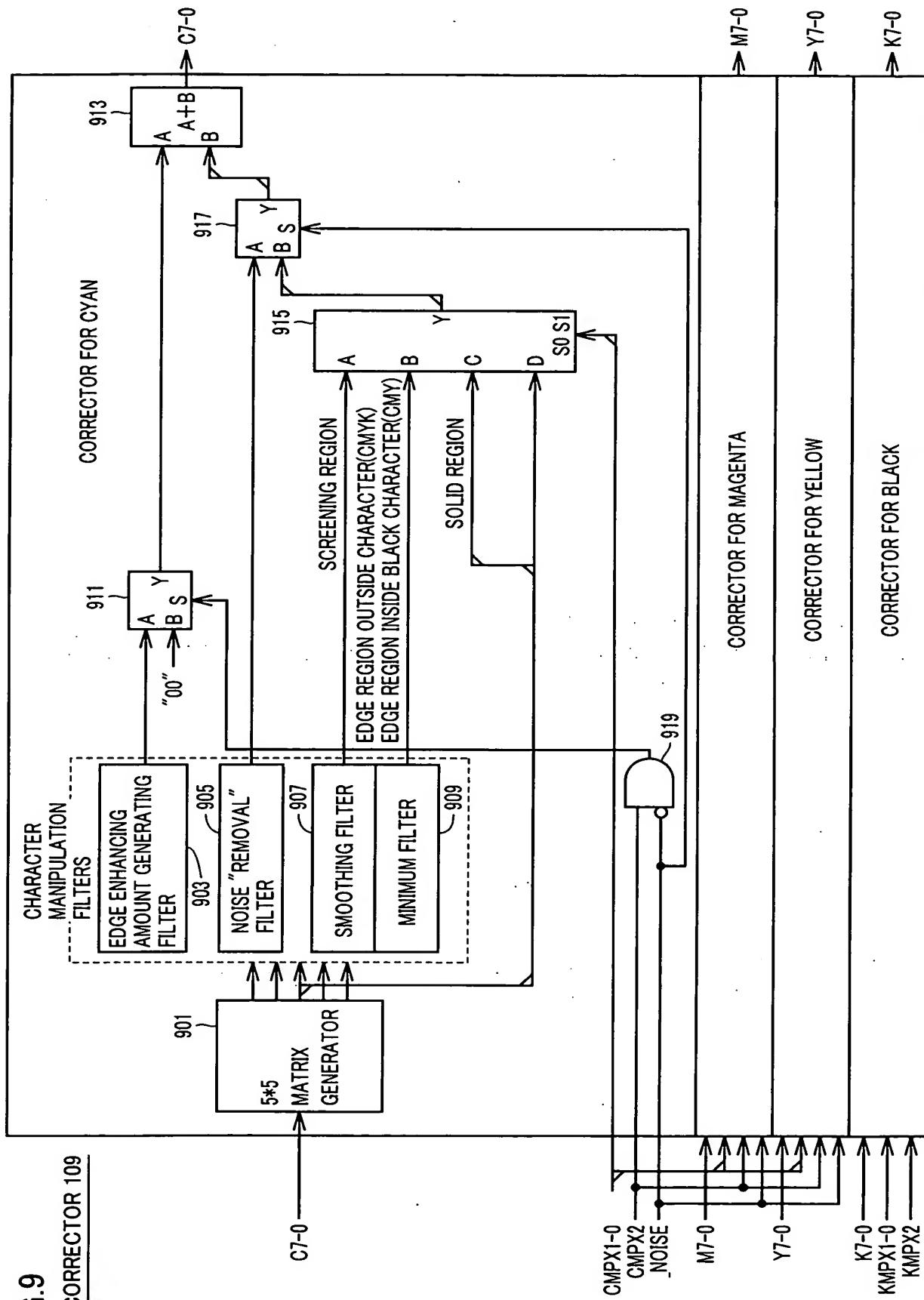


FIG.10

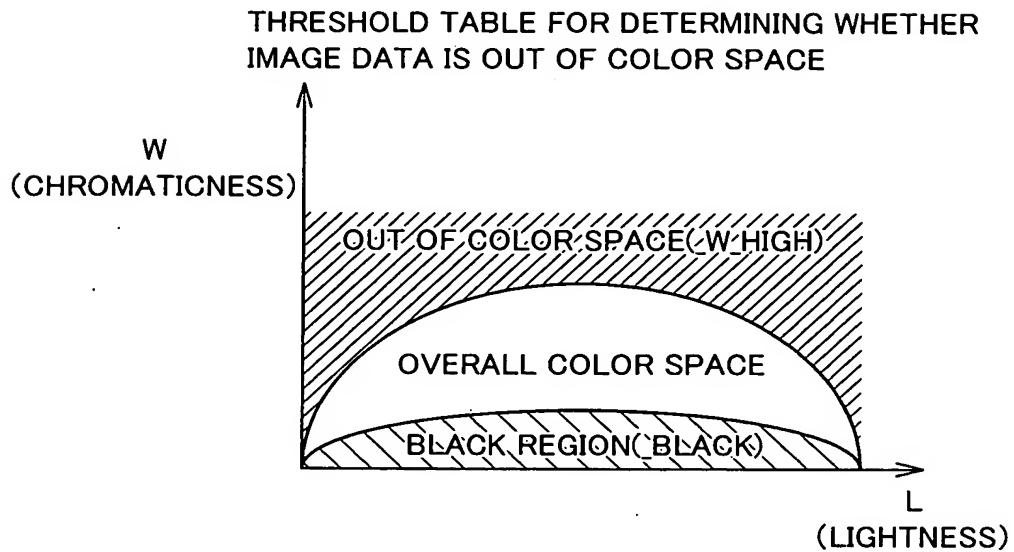


FIG.11

PATTERN MATCHING TABLE

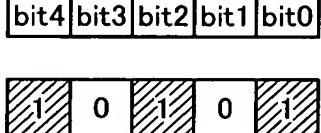
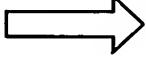
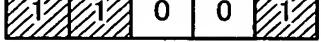
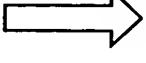
bit4	bit3	bit2	bit1	bit0		
					PAT3-0	
					12	
					6	
					3	

FIG.12

THRESHOLD TABLE FOR DETERMINATION OF HITH MTF

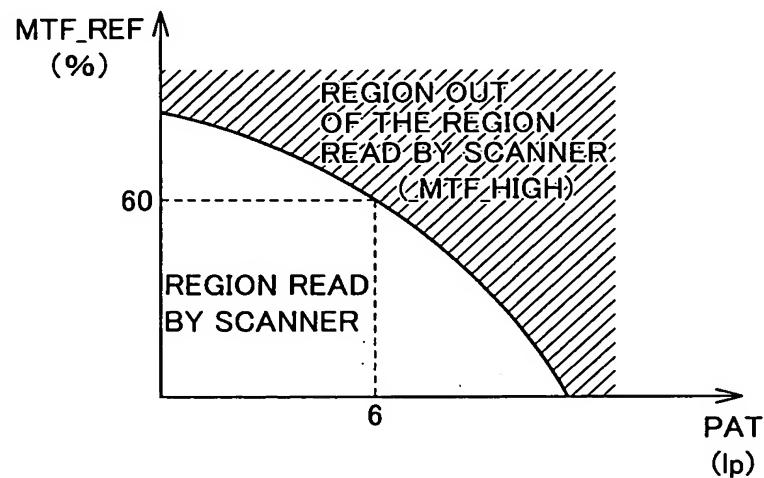
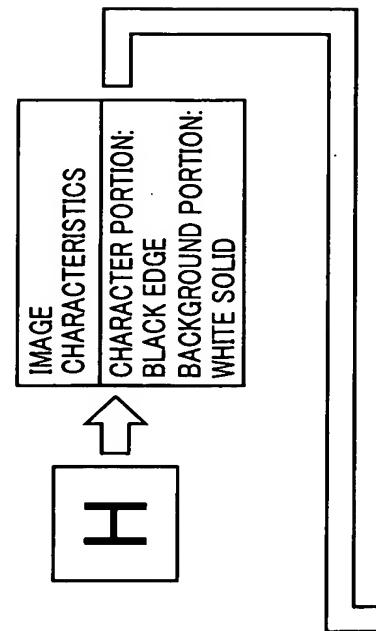


FIG.13



MTF CONTROL SIGNAL FOR CMY				MTF CONTROL SIGNAL FOR K		
BASE MANIPULATION	CMPX1-0	EDGE ENHANCEMENT	CMPX2	BASE MANIPULATION	KMPX1-0	EDGE ENHANCEMENT
MINIMUM PROCESSING	1	NO	1	MINIMUM PROCESSING	1	NO
MINIMUM PROCESSING	1	NO	1	NO MANIPULATION	2	YES
NO MANIPULATION	2	NO	1	NO MANIPULATION	2	NO

IMAGE AREA	AMI	INEDG	EDG	BLACK
OUTSIDE EDGE PORTION	1	1	0	1
INSIDE EDGE PORTION	1	0	0	0
SOLID PORTION	1	1	1	1

FIG. 14

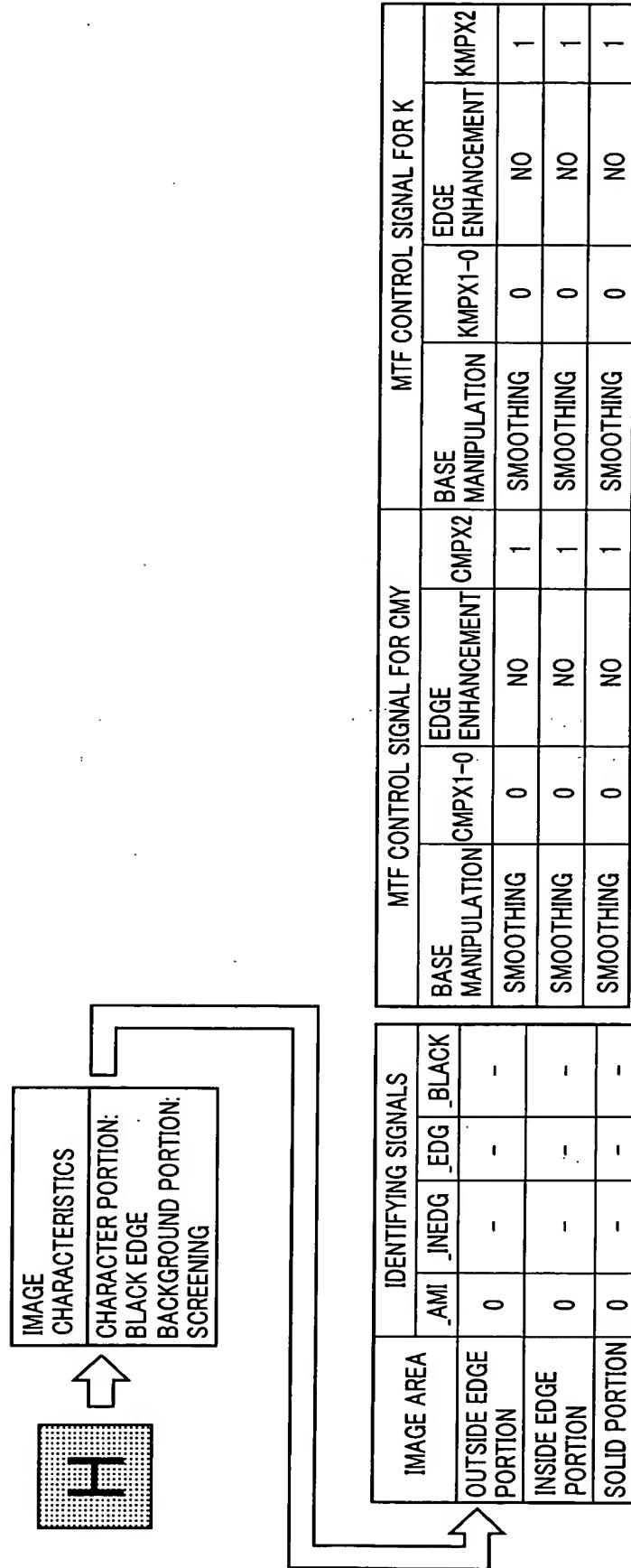
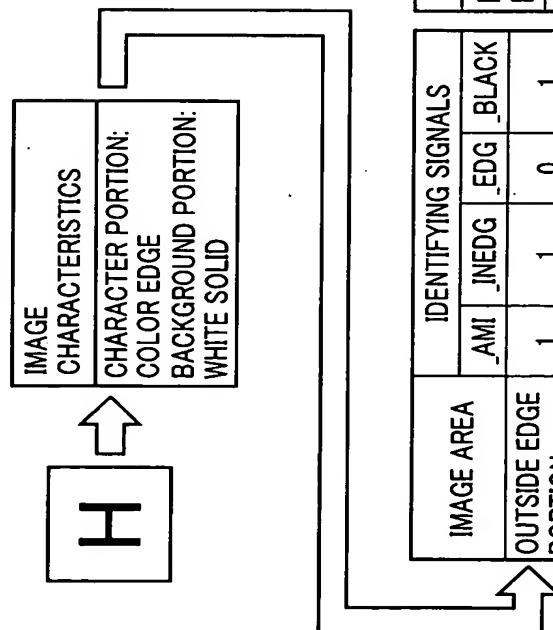


FIG.15



MTF CONTROL SIGNAL FOR CMY				MTF CONTROL SIGNAL FOR K		
BASE MANIPULATION	CMPX1-0 ENHANCEMENT	CMPX2	BASE MANIPULATION	KMPX1-0 ENHANCEMENT	EDGE ENHANCEMENT	KMPX2
MINIMUM PROCESSING	1	NO	1	MINIMUM PROCESSING	1	NO
NO MANIPULATION	2	YES	0	NO MANIPULATION	2	YES
NO MANIPULATION	2	NO	1	NO MANIPULATION	2	NO

IMAGE AREA	AMI	INEDG	EDG	BLACK
OUTSIDE EDGE PORTION	1	1	0	1
INSIDE EDGE PORTION	1	0	0	1
SOLID PORTION	1	1	1	1
NO MANIPULATION	1	1	1	1

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TITLE: IMAGE PROCESSING APPARATUS AND
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INVENTOR(S): HIROYUKI SUZUKI ET AL.
ATTORNEY DOCKET NO.: 009683-498 SHEET 15 OF 15

FIG.16

NOISE REMOVAL FILTER 905

2	1	0	1	2
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